

CORRECTED VERSION

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number  
**WO 2005/084129 A3**

(51) International Patent Classification<sup>7</sup>: **C07C 53/00**,  
A61K 37/00, 31/23, 31/225

(21) International Application Number:  
PCT/IL2005/000257

(22) International Filing Date: 3 March 2005 (03.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/549,550 4 March 2004 (04.03.2004) US

(71) Applicant (for all designated States except US): **HTL  
HIGH-TECH LIPIDS LTD.** [IL/IL]; Teradion Industrial  
Park, 20179 Misgav D.N (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ROZEN, Geila**  
[IL/IL]; 36 Lea Street, 34403 Haifa (IL). **SHOCHAT, Irit**  
[IL/IL]; P.O. Box 75, 23840 Timrat (IL).

(74) Agent: **WEBB, Cynthia**; Webb & Associates, P.O. Box  
2189, 76121 Rehovot (IL).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,

GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,  
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:  
— with international search report

(88) Date of publication of the international search report:  
27 October 2005

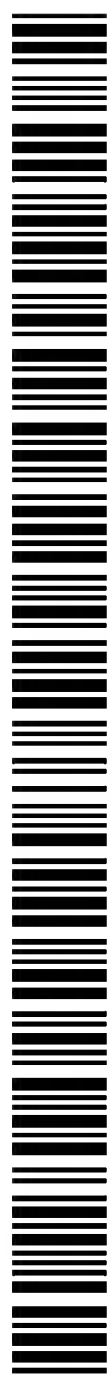
(48) Date of publication of this corrected version:  
1 December 2005

(15) Information about Correction:  
see PCT Gazette No. 48/2005 of 1 December 2005, Sec-  
tion II

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: STRUCTURED TRIGLYCERIDES AND EMULSIONS COMPRISING SAME

(57) Abstract: The present invention relates to structured triglyceride, to parental nutrition emulsions comprising same, and use thereof. In particular, the invention relates to structured triglycerides comprising at least one medium chain C<sub>6</sub>-C<sub>12</sub> fatty acid and at least one fatty acid selected from the group consisting of long chain C<sub>14</sub>-C<sub>18</sub> or very long chain C<sub>20</sub>-C<sub>22</sub> fatty acids, preferably each fatty acid is present in a predetermined position of the glycerol backbone. The parenteral nutrition emulsions are particularly useful for nourishing preterm-and term-infants, children, critically ill patients, and cancer patients.



WO 2005/084129 A3